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ORIGINAL

## FENNEMORE CRAIG, P.C.

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RECEIVED

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AZ CORP COMMISSION  
DOCKET CONTROL

October 22, 2008

Via Hand Delivery

Arizona Corporation Commission

DOCKETED

OCT 22 2008

Elijah Abinah  
Acting Chief Accountant and  
Assistant Director, Utilities Director  
Arizona Corporation Commission  
1200 West Washington  
Phoenix, Arizona 85007

DOCKETED BY	ml
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**Re: Far West Water & Sewer Company - Rate Case**  
**Docket No. WS-03478A-08-0454**  
**Response to First Insufficiency Letter**

Dear Mr. Abinah:

We are in receipt of Staff's Letter of Deficiency dated September 26, 2008 in the above-referenced Rate Filing. The Company's responses to the issues raised are as follows:

1. Re: A.A.C. 14-2-103 B. 1. F.3 and -4 which deal with projections and forecasts. Please quantify the number of connections does the Company expect to add each year for the next five years for each wastewater system beginning in 2008.

In response to the insufficiency letter, item 1, please find attached Far West's projections per year, starting with 2008 and going to 2012, of new hookups. The new hookups include 1,418 residences which at one time had service but are no longer active. Please also see note after each plant, first page. You also have five pages of projections, by plant, present and future subdivisions with projected new hookups. Page 7 shows the new hookups to date this year. Pages 8-13, show each plant, total lots for each present and future subdivision serviced by that plant. No number has been assigned to the commercial developments.

# FENNEMORE CRAIG, P.C.

Elijah Abinah  
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2. Re: Supplemental filing requirements per the Arizona Corporation Commission website at <http://www.azcc.gov/divisions/utilities/water/forms.asp>, Rate Applications, item 6, supplemental forms. Please complete the forms for each wastewater system for the test year 2007.

In response to item 2, attached is the completed supplement form for the entire system.

We hope these responses sufficiently address the issues raised in your letter and ask that Staff promptly find the application sufficient. Should you have any further questions, please do not hesitate to call.

Very truly yours,



Jay L. Shapiro

Enclosure

cc: Docket Control  
Robin Mitchell, Legal Division

2123591.1

### Five year projection of added sewer connections

<u>TOTAL SYSTEM PROJECTIONS</u>	<u>2008</u>	<u>2009</u>	<u>2010</u>	<u>2011</u>	<u>2012</u>	<u>FIVE YEAR PROJECTION GRAND TOTAL</u>
	2695	1602	1160	1179	877	7513
(Note: In 2008, 1710 hookups come from the closure of the Palm Shadows WWTP)						
<u>WASTEWATER TREATMENT PLANT</u>	<u>2008</u>	<u>2009</u>	<u>2010</u>	<u>2011</u>	<u>2012</u>	<u>FIVE YEAR PROJECTION GRAND TOTAL</u>
<u>DEL ORO WWTP</u>	150	182	204	132		668
(Note: Del Oro projection of future hookups includes 37 connections which were previously established, not currently connected)						
<u>MARWOOD WWTP</u>	536	506	175	100		1317
(Note: Marwood projection of future hookups includes 795 connections which were previously established, not currently connected)						
<u>SECTION 14 WWTP</u>	2009	838	705	947	877	5376
(Note: Section 14 projection of future hookups includes 451 connections which were previously established, not currently connected)						
(Of the 2009 hookups in 2008, 1710 come from the closure of the Palm Shadows WWTP)						
<u>SEASONS WWTP</u>		76	76			152
(Note: Seasons projection of future hookups includes 135 connections which were previously established, not currently connected)						

COMPANY NAME Far West Water & Sewer, Inc. (Sewer)

**WASTEWATER COMPANY PLANT DESCRIPTION**  
**TREATMENT FACILITY**

<b>TYPE OF TREATMENT</b> (Extended Aeration, Step Aeration, Oxidation Ditch, Aerobic Lagoon, Anaerobic Lagoon, Trickling Filter, Septic Tank, Wetland, Etc.)	See Attachment A
<b>DESIGN CAPACITY OF PLANT</b> (Gallons Per Day)	See Attachment A

**LIFT STATION FACILITIES**

Location	Quantity of Pumps	Horsepower Per Pump	Capacity Per Pump (GPM)	Wet Well Capacity (gals)
See Attachment B				

**FORCE MAINS**

Size	Material	Length (Feet)
4-inch	PVC	8,070
6-inch	PVC	24,085

**MANHOLES**

Type	Quantity
Standard	1105
Drop	32

**CLEANOUTS**

Quantity
114

COMPANY NAME Far West Water & Sewer, Inc. (Sewer)

**WASTEWATER COMPANY PLANT DESCRIPTION (CONTINUED)**

**COLLECTION MAINS**

Size (in inches)	Material	Length (in feet)
4		
6	PVC	5,704
8	PVC	325,831
10	PVC	15,084
12	PVC	37,329
15	PVC	3,966
18	PVC	3,285
21		
24		
30		

**SERVICES**

Size (in inches)	Material	Quantity
4	PVC	9,870
6		
8	PVC	1
12		
15		

**FOR THE FOLLOWING FIVE ITEMS, LIST THE UTILITY OWNED ASSETS IN EACH CATEGORY**

<b>SOLIDS PROCESSING AND HANDLING FACILITIES</b>	None
<b>DISINFECTION EQUIPMENT</b> (Chlorinator, Ultra-Violet, Etc.)	5- 65 Gallon Upflow Chlorinators 6 – UV Banks
<b>FILTRATION EQUIPMENT</b> (Rapid Sand, Slow Sand, Activated Carbon, Etc.)	7 Carbon Scrubbers
<b>STRUCTURES</b> (Buildings, Fences, Etc.)	See Attachment C
<b>OTHER</b> (Laboratory Equipment, Tools, Vehicles, Standby Power Generators, Etc.)	See Attachment D

COMPANY NAME Far West Water & Sewer, Inc. (Sewer)

### WASTEWATER FLOWS

MONTH/YEAR (Most Recent 12 Months)	NUMBER OF SERVICES	TOTAL MONTHLY SEWAGE FLOW	SEWAGE FLOW ON PEAK DAY
January	8,557	See Attachment F	See Attachment G
February	8,567		
March	8,551		
April	8,185		
May	7,278		
June	6,953		
July	6,873		
August	6,877		
September	6,962		
October	7,638		
November	8,156		
December	8,328		

### PROVIDE THE FOLLOWING INFORMATION AS APPLICABLE

Method of Effluent Disposal (leach field, surface water discharge, reuse, injection wells, groundwater recharge, evaporation ponds, etc.)	Reuse 69% Percolation 31%
Groundwater Permit Number	
Wastewater Inventory Number	44-004
ADEQ Aquifer Protection Permit Number	See Attachment E
ADEQ Reuse Permit Number	See Attachment E
EPA NPDES Permit Number	

### STATISTICAL INFORMATION

Total number of customers	8,567
Total number of gallons treated	263,430,000 gallons

ATTACHMENT A  
FAR WEST WATER AND SEWER, INC.  
SEWER DIVISION  
44-004  
WASTEWATER PLANT DESIGN CAPACITIES  
2007

<u>WWTP</u>	<u>TREATMENT TYPE</u>	<u>DESIGN CAPACITY</u>
Far West Sewer	SBR	340,000 GPD
Section 14	SBR	150,000 GPD
MDS - Villa Royale	Ext. Aeration	10,000 GPD
MDS - Del Oro	MBR	330,000 GPD
MDS - Del Rey	Ext. Aeration	37,500 GPD
Seasons	SBR	150,000 GPD
Palm Shadows	Ext. Aeration	200,000 GPD

ATTACHMENT B  
 FAR WEST WATER AND SEWER, INC.  
 SEWER DIVISION  
 44-004  
 WASTEWATER LIFT STATION FACILITIES  
 2007

Location	Quantity of Pumps	Horsepower Per Pump	Capacity Per Pump ( GPM )	Wet Well Capacity (Gals)
DFE #7	2	7.5	150	3,000
FME #15	2	30	300	8,000
FME #16	2	30	600	4,000
FME #25	2	11	220	4,000
FME #27	2	7	140	4,000
FH Grocery Store	1	2	40	2,000
Ocotillo Plaza	1	3	60	2,000
Domino's Pizza	2	1	20	2,000
Foothills Hardware	1	3	60	2,000
Vista Del Sol	2	15	300	4,000
Mesa Del Sol #11	2	15	300	4,000
Mesa Del Sol #12	2	15	300	4,000
Foothills Restaurant	1	2	60	2,000
Palm Shadows WWTP	2	25	500	6,000
Del Oro WWTP	2	15	300	6,000
Section 14 WWTP	2	5	150	6,000



ATTACHMENT C  
 FAR WEST WATER AND SEWER, INC.  
 SEWER DIVISION  
 44-004  
 WASTEWATER STRUCTURES  
 2007

Facility	Structure
Marwood WWTP (Far West Sewer WWTP) 14000 E. Co. 14th	Wood Frame, Stucco, Comp Roof 672 Sq. Ft. Bldg, 6 Ft. Block Wall / Chain Link Fence Wood Frame, Stucco, Metal Roof 14,100 Sq. Ft. Building .34 MGD C.L.E.A.R. WWTP
Section 14 WWTP 12651 S. Ave. 14E	Wood Frame, Stucco, Comp Roof 936 Sq. Ft. Building, 6 Ft. Block Wall 10' x 32' Fiberglass Lift Station .150 MGD I.D.E.A. WWTP
MDS - Del Oro WWTP 11717 Omega Lane	Wood Frame, Stucco, Comp Roof 800 Sq. Ft. Bldg. 6 Ft. Block Wall 517 Sq. Ft. Metal Building 10 x 18 Fiberglass Lift Station .33 MGD Zeeweed MBR WWTP
Palm Shadows WWTP 9700 E 40th St	Wood Frame, Stucco, Comp Roof 980 Sq. Ft. Bldg. 6 Ft. Chain Link Fence 10' x 28' Fiberglass Lift Station .200 MGD Santec WWTP
Seasons WWTP 10301 Co. 10th St.	Wood Frame, Stucco, Comp Roof 980 Sq. Ft. Bldg, 6 Ft. Block Wall 10' x 30' Fiberglass Lift Station .150 MGD C.L.E.A.R. WWTP
Del Rey WWTP 12342 E. Del Rico	.040 MGD Santec WWTP Surrounded with 6 Ft. Chain Link Fence
Villa Royale WWTP 12342 E. Del Rico	.020 MGD Santec WWTP Surrounded With 6 Ft. Block Wall
Far West Yard 12500 Foothills Blvd	Wood Frame, Stucco/Wood Siding, Comp Roof 1800 Sq. Ft. Shop Bldg, Surrounded with 6 Ft. Block Wall

ATTACHMENT D  
FAR WEST WATER AND SEWER, INC.  
SEWER DIVISION  
44-004  
WASTEWATER STRUCTURES (OTHER)  
2007

Quantity	Description
4	Royce MLSS Meters
4	PH Meters
3	NH3 Meters
3	NO3 Meters
3	NO2 Meters
2	Centrifuges
2	Microscopes
1	NTU Meter
4	CI Meters
4	DO Meters
4	Manning Portable Composite Sampler
1	Portable Air Compressor
2	Complete Sets of Confined Space Entry Equipment
3	4 Gas Monitors
1	VAC CON Combination Hydrojet/Vacuum Truck
1	Isuzu Flat Bed Truck w/ Power Winch
1	Ford F150 Pick Up
3	Dodge RAM 1500 Pick Ups
1	Chevrolet 1500 Pick Up
1	Somat Sludge Dewatering Double Auger Unit
1	Somat Sludge Dewatering Single Auger Trailer Unit

ATTACHMENT E  
FAR WEST WATER AND SEWER, INC.  
SEWER DIVISION  
44-004  
ADEQ PERMIT NUMBERS  
2007

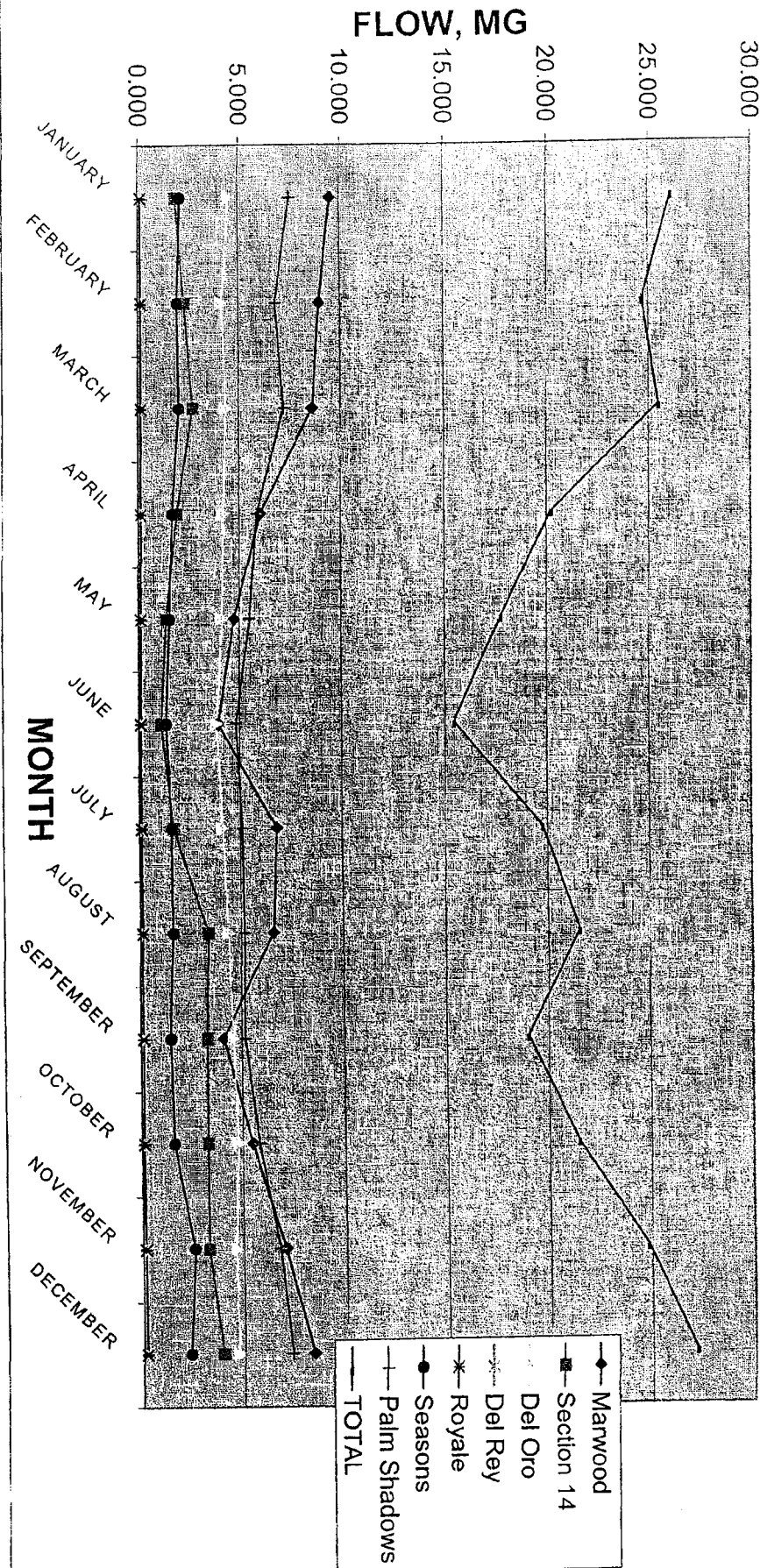
<u>WWTP</u>	<u>APP NUMBER</u>	<u>REUSE NUMBER</u>
Far West Sewer	102829	R102829
Section 14	105014	R105014
MDS - Villa Royale	100221	R100221
MDS - Del Oro	101816	R100221
MDS - Del Rey	101814	R100221
Seasons	103618	N/A
Palm Shadows	103608	N/A

# FAR WEST WATER AND SEWER WASTEWATER DIVISION

ATTACHMENT F

YEAR	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
Marwood	9,493	8,929	8,585	6,055	4,735	3,925	6,800	6,591	4,101	5,485	7,040	8,361	80,100
Section 14	1,868	2,291	2,721	1,887	1,368	1,114	1,698	3,375	3,283	3,286	3,292	3,948	30,131
Del Oro	4,514	4,136	4,354	4,186	4,127	3,843	4,117	4,350	4,573	4,738	4,604	4,685	52,227
Del Rey	0,483	0,440	0,438	0,400	0,373	0,311	0,338	0,338	0,316	0,369	0,376	0,375	4,557
Royale	0,131	0,135	0,142	0,126	0,115	0,100	0,106	0,115	0,122	0,126	0,146	0,158	1,522
Seasons	2,101	1,933	2,012	1,674	1,522	1,350	1,586	1,608	1,473	1,602	2,579	2,324	21,764
Palm Shadows	7,522	6,812	7,213	5,870	5,520	4,815	5,112	5,162	5,162	5,825	6,785	7,331	73,129
TOTAL	26,112	24,676	25,465	20,198	17,760	15,458	19,757	21,539	19,030	21,431	24,822	27,182	263,430

## ANNUAL FLOWS 2007



# FAR WEST WATER AND SEWER

## ATTACHMENT G

	January	February	March	April	May	June	July	August	September	October	November	December	Average
Marwood	0.360	0.480	0.329	0.246	0.217	0.160	0.400	0.359	0.161	0.242	0.267	0.328	0.296
Section 14	0.074	0.114	0.115	0.083	0.074	0.047	0.117	0.145	0.153	0.179	0.193	0.162	0.121
Del Oro	0.217	0.228	0.208	0.201	0.194	0.196	0.185	0.201	0.224	0.232	0.210	0.201	0.208
Del Rey	0.022	0.023	0.019	0.024	0.025	0.014	0.015	0.016	0.017	0.026	0.016	0.016	0.019
Royale	0.007	0.007	0.006	0.006	0.005	0.005	0.005	0.006	0.006	0.005	0.007	0.007	0.006
Seasons	0.086	0.090	0.087	0.076	0.065	0.058	0.093	0.077	0.073	0.091	0.110	0.119	0.085
Palm Shadows	0.299	0.305	0.308	0.239	0.215	0.209	0.193	0.204	0.198	0.230	0.287	0.278	0.247
Total	1.065	1.247	1.072	0.875	0.795	0.689	1.008	1.008	0.832	1.005	1.090	1.111	0.983

### 2007 HIGH FLOWS

